

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083021\  
 Data File : BF125262.D  
 Acq On : 30 Aug 2021 14:59  
 Operator : JU/CG  
 Sample : M3564-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 VNJ-237

Quant Time: Aug 30 16:54:40 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 12:39:21 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.910  | 152  | 158313   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.198  | 136  | 623181   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.951  | 164  | 343164   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.433 | 188  | 665327   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.080 | 240  | 548346   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.574 | 264  | 416375   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 993097   | 94.948  | ng    | 0.00     |
| 7) Phenol-d6                | 6.534  | 99   | 1272831  | 94.094  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.475  | 82   | 801263   | 64.730  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.739 | 330  | 426762   | 124.583 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.269  | 172  | 1424411  | 57.851  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.021 | 244  | 1901405  | 55.241  | ng    | 0.00     |

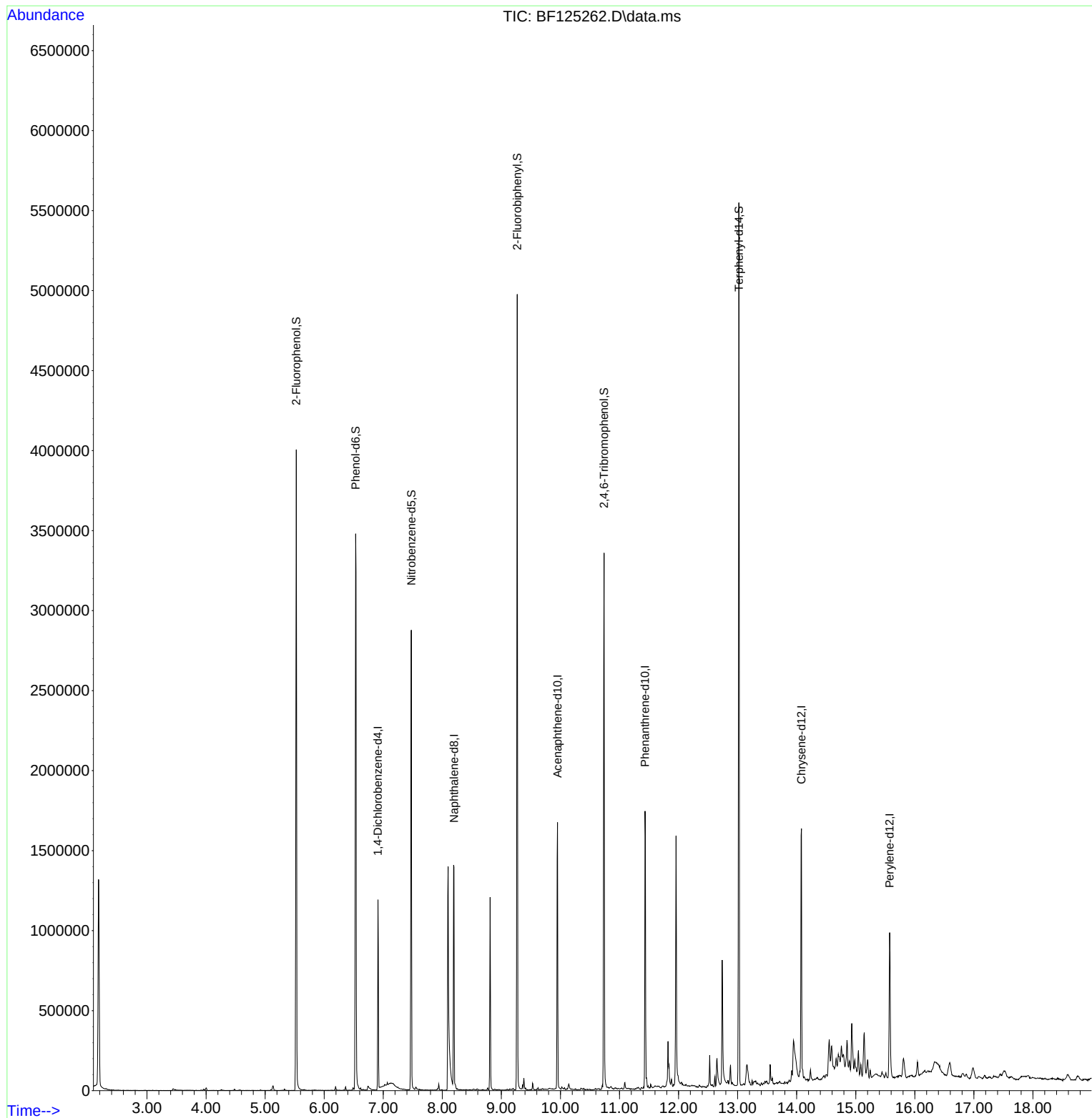
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

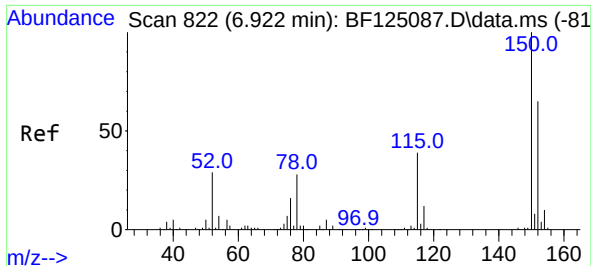
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083021\  
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Sample : M3564-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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Quant Time: Aug 30 16:54:40 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 24 12:39:21 2021  
Response via : Initial Calibration

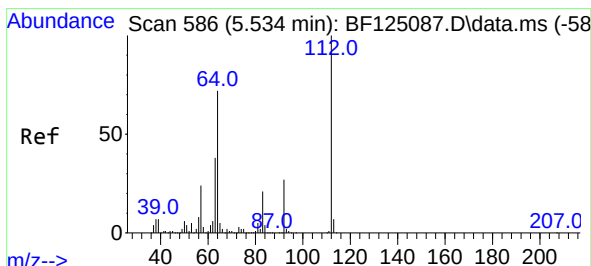
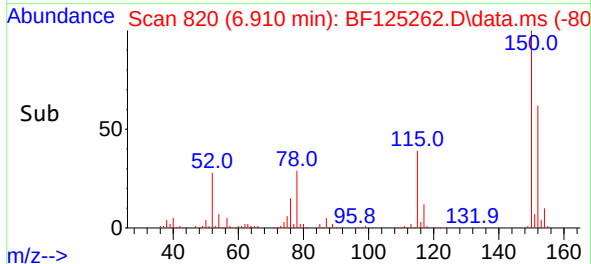
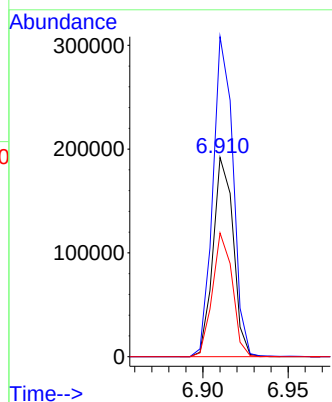
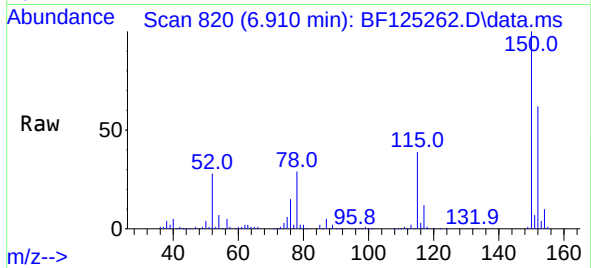




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.910 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

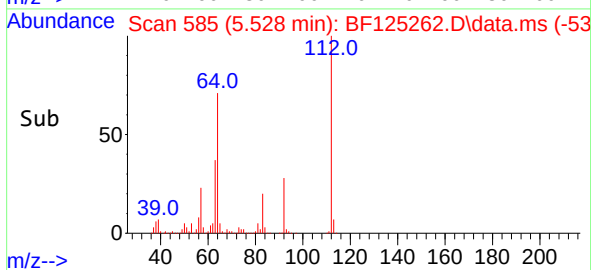
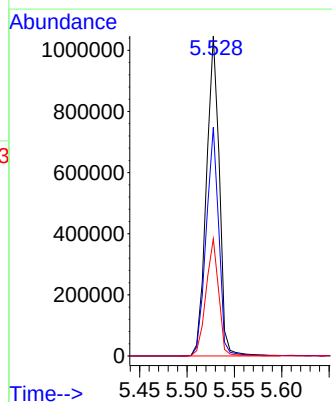
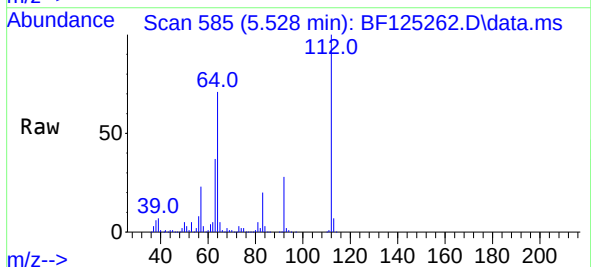
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BNA\_F  
ClientSampleId :  
VNJ-237

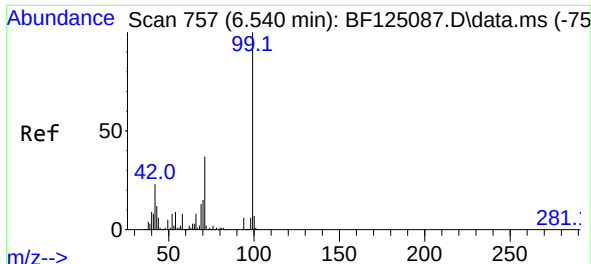
Tgt Ion:152 Resp: 158313  
Ion Ratio Lower Upper  
152 100  
150 160.7 117.6 176.4  
115 62.1 47.1 70.7



#5  
2-Fluorophenol  
Concen: 94.948 ng  
RT: 5.528 min Scan# 585  
Delta R.T. -0.000 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

Tgt Ion:112 Resp: 993097  
Ion Ratio Lower Upper  
112 100  
64 71.5 44.2 66.2#  
63 36.6 26.2 39.2

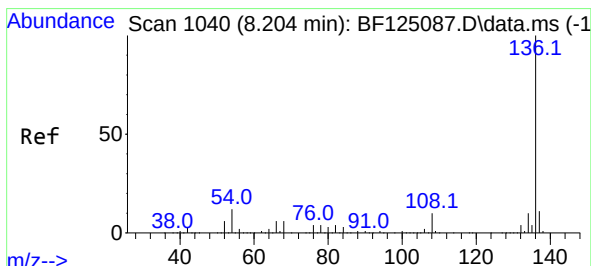
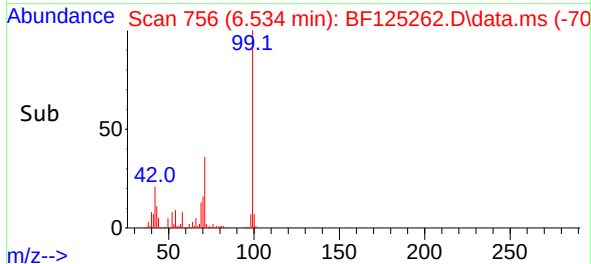
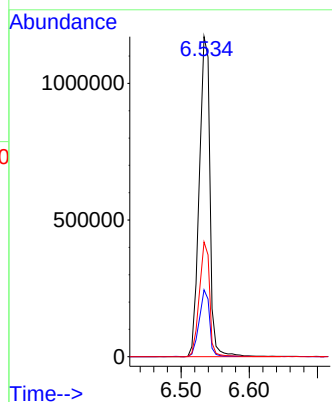
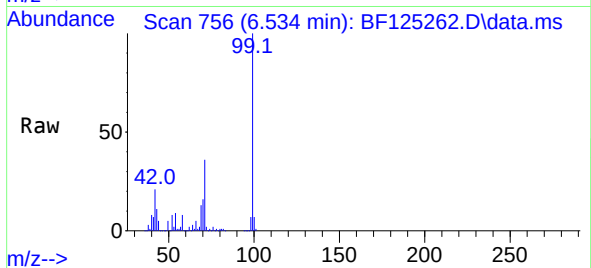




#7  
Phenol-d6  
Concen: 94.094 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

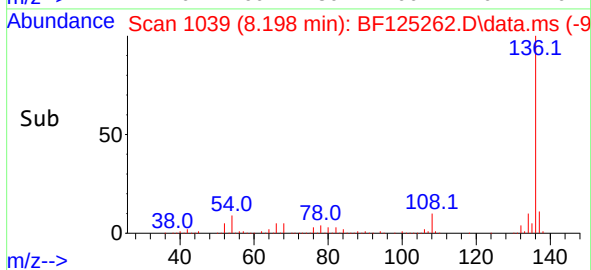
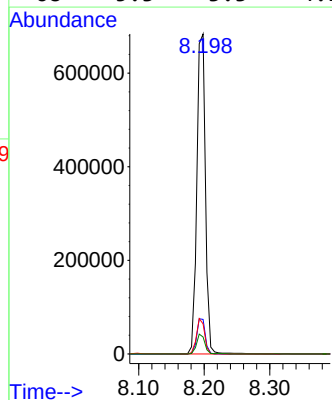
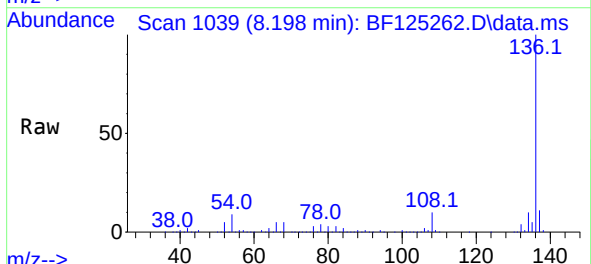
Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-237

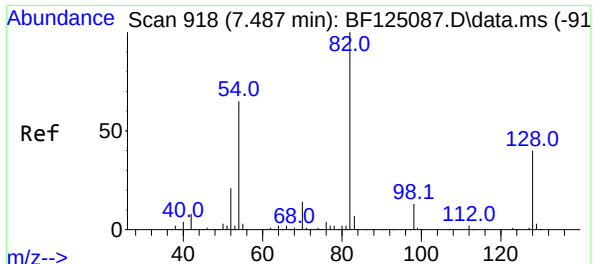
Tgt Ion: 99 Resp: 1272831  
Ion Ratio Lower Upper  
99 100  
42 20.9 23.5 35.3#  
71 35.8 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.000 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

Tgt Ion: 136 Resp: 623181  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.8 14.6  
54 9.4 6.4 9.6  
68 5.3 3.3 4.9#

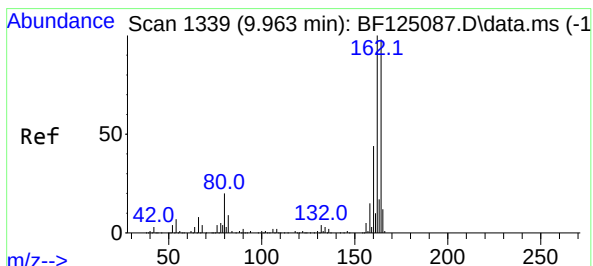
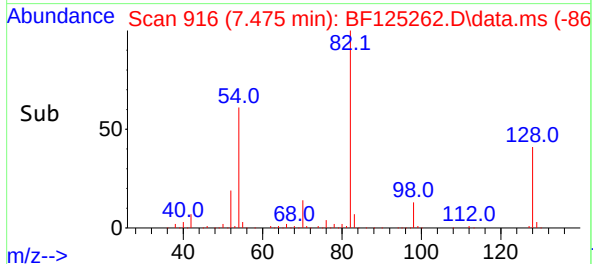
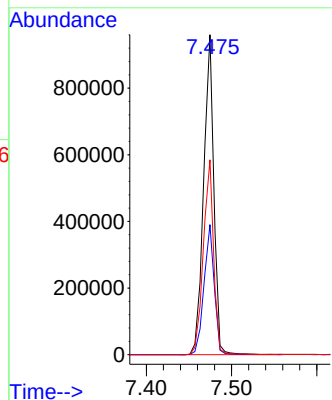
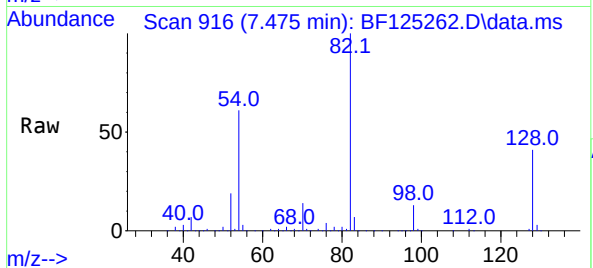




#23  
Nitrobenzene-d5  
Concen: 64.730 ng  
RT: 7.475 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

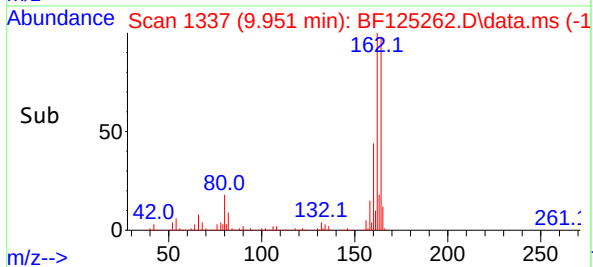
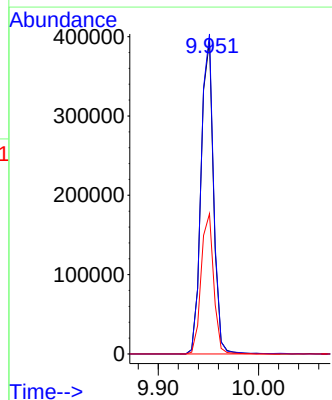
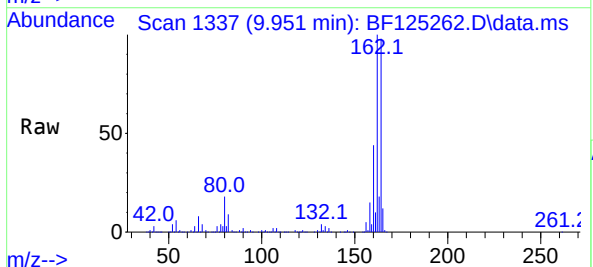
Instrument :  
BNA\_F  
ClientSampleId :  
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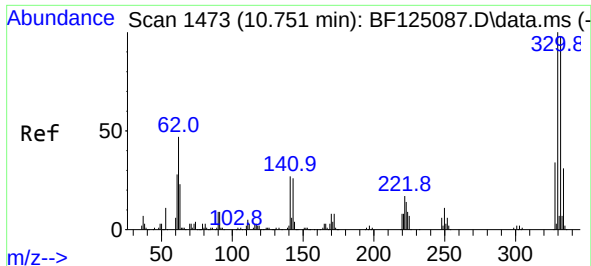
Tgt Ion: 82 Resp: 801263  
Ion Ratio Lower Upper  
82 100  
128 40.6 40.6 60.8  
54 60.9 49.6 74.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.000 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

Tgt Ion: 164 Resp: 343164  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.3 121.9  
160 44.8 38.0 57.0

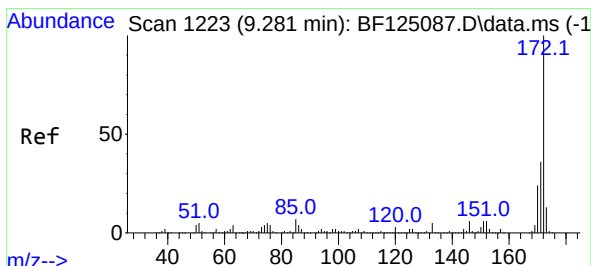
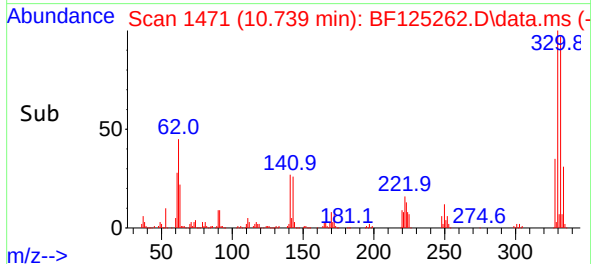
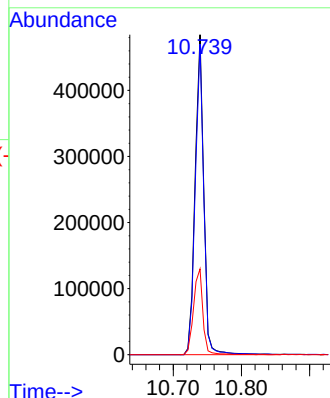
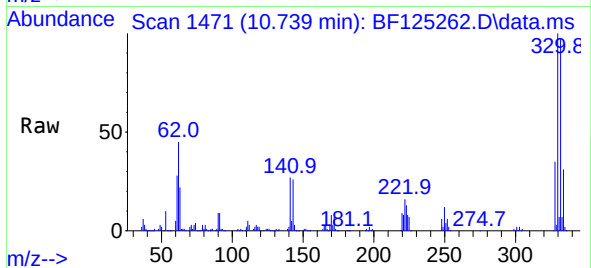




#42  
2,4,6-Tribromophenol  
Concen: 124.583 ng  
RT: 10.739 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

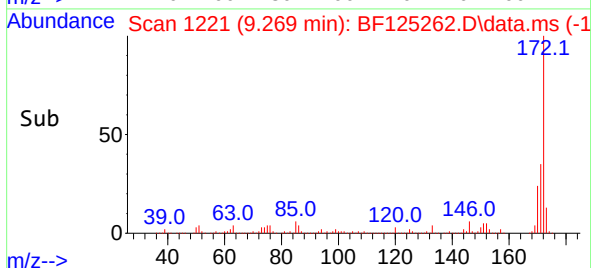
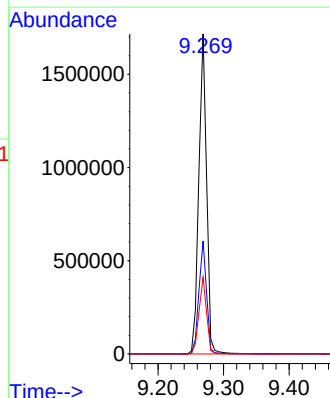
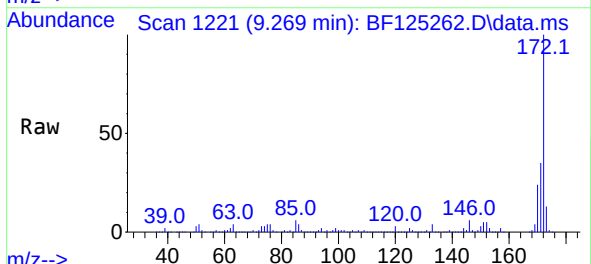
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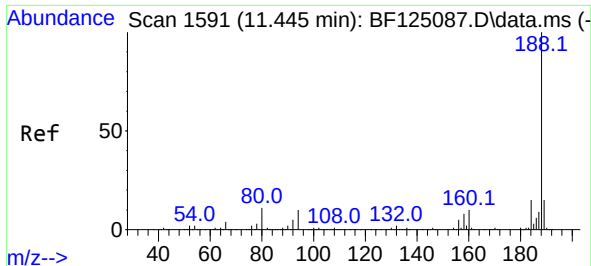
Tgt Ion:330 Resp: 426762  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.2 114.4  
141 28.8 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 57.851 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

Tgt Ion:172 Resp: 1424411  
Ion Ratio Lower Upper  
172 100  
171 35.3 26.5 39.7  
170 23.9 18.8 28.2

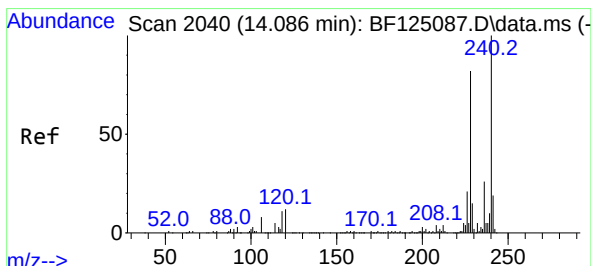
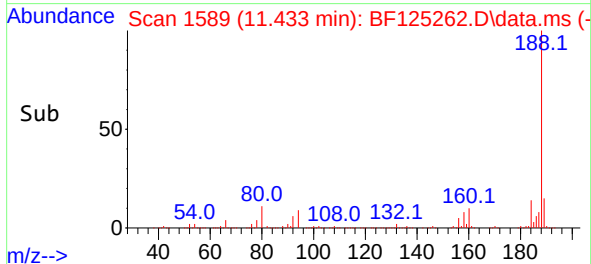
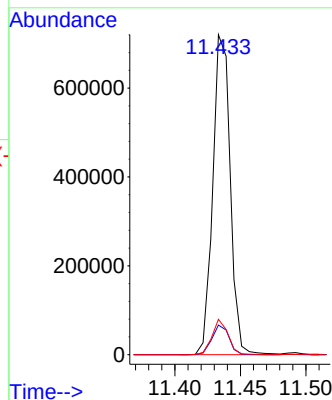
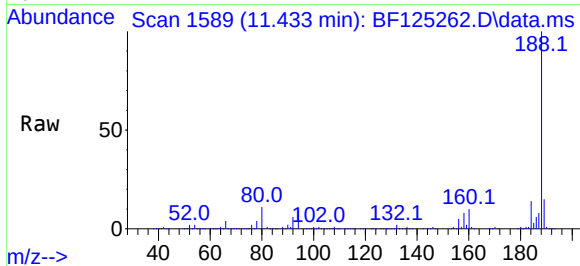




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.433 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

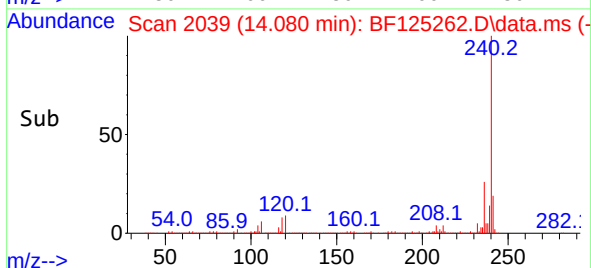
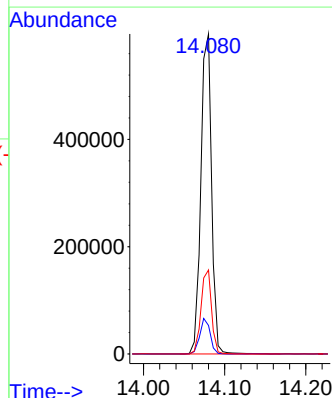
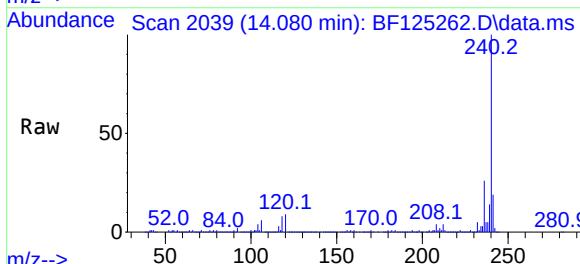
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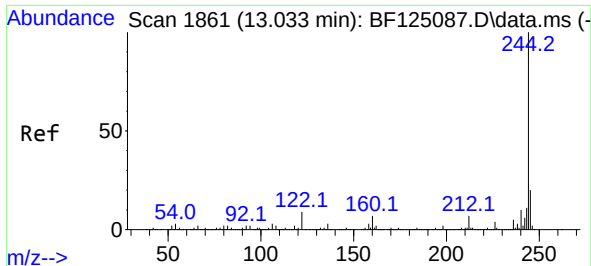
Tgt Ion:188 Resp: 665327  
Ion Ratio Lower Upper  
188 100  
94 9.2 6.7 10.1  
80 11.0 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. -0.000 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

Tgt Ion:240 Resp: 548346  
Ion Ratio Lower Upper  
240 100  
120 8.9 10.8 16.2#  
236 26.2 21.6 32.4

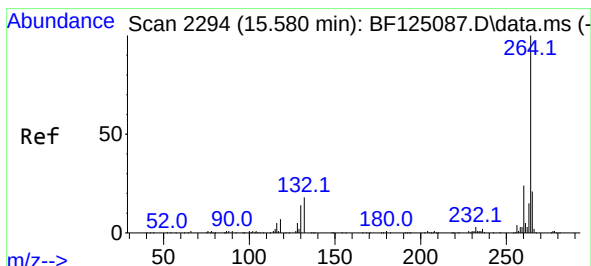
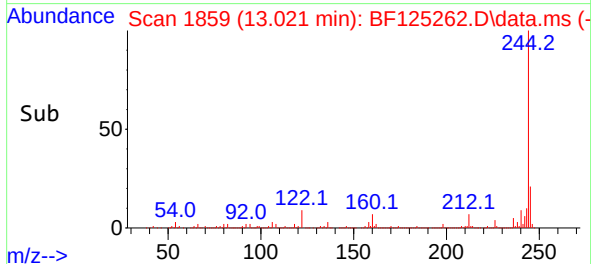
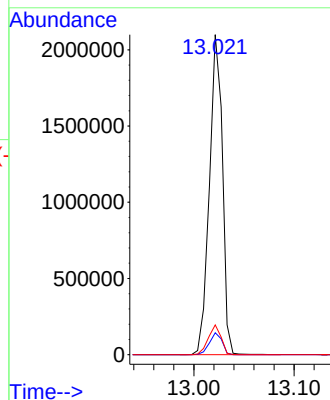
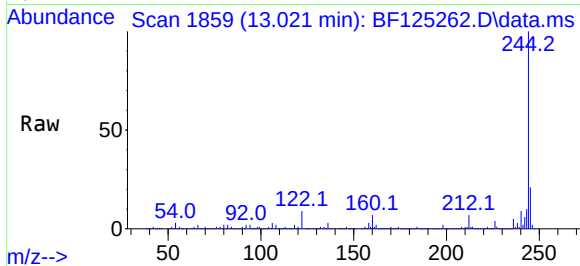




#79  
Terphenyl-d14  
Concen: 55.241 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. -0.000 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

Instrument :  
BNA\_F  
ClientSampleId :  
VNJ-237

Tgt Ion:244 Resp: 1901405  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 9.3 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.574 min Scan# 2293  
Delta R.T. 0.000 min  
Lab File: BF125262.D  
Acq: 30 Aug 2021 14:59

Tgt Ion:264 Resp: 416375  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.6 29.4  
265 21.6 17.2 25.8

